

| | | | | |
|--|--|--|---------------------------------------|-------------------------------|
| Substitute Form PTO-1449 (Modified) | | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 14875-159US1 | Application No. 10/575,192 |
| Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) | | Applicant Tomoyuki Igawa et al. | | |
| | | Filing Date January 26, 2007 | Group Art Unit 1645 | |

| U.S. Patent Documents | | | | | | | |
|-----------------------|-----------|-----------------|------------------|-----------------|-------|----------|----------------------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
| | AA | 5,157,113 | 10/20/1992 | Dove et al. | | | |
| | AB | 5,190,752 | 03/02/1993 | Möller et al. | | | |
| | AC | 5,792,838 | 08/11/1998 | Smith et al. | | | |
| | AD | 5,908,826 | 06/01/1999 | Fukuda et al. | | | |
| | AE | 6,136,312 | 10/24/2000 | Rentsch | | | |
| | AF | 2007/0249812 | 10/25/2007 | Hayasaka et al. | | | |

| Foreign Patent Documents or Published Foreign Patent Applications | | | | | | | |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|------------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |
| | | | | | | | Yes No |
| | AG | EP 0352500 | 07/01/1989 | Europe | | | See AB |
| | AH | EP 1174148 | 01/23/2002 | Europe | | | |
| | AI | JP 2-000493 | 01/05/1990 | Japan | | | See AA |
| | AJ | JP 2-078635 | 03/19/1990 | Japan | | | See AB |
| | AK | JP 6-189781 | 07/12/1994 | Japan | | | English Abstract |
| | AL | JP 7-502497 | 03/16/1995 | Japan | | | See AP |
| | AM | JP 9-127112 | 05/16/1997 | Japan | | | English Abstract |
| | AN | JP 9-127114 | 05/16/1997 | Japan | | | English Abstract |
| | AO | JP 2001-504092 | 03/27/2001 | Japan | | | See AE |
| | AP | WO 1993/008837 | 05/13/1993 | WIPO | | | |
| | AQ | WO 1999/037329 | 07/29/1999 | WIPO | | | |
| | AR | WO 2000/066160 | 11/09/2000 | WIPO | | | See AH |
| | AS | WO 2005/035573 | 04/21/2005 | WIPO | | | See AF |

| Other Documents (include Author, Title, Date, and Place of Publication) | | | |
|---|-----------|--|--|
| Examiner Initial | Desig. ID | Document | |
| | AT | Chen et al.. "Strategies to Suppress Aggregation of Recombinant Keratinocyte Growth Factor During Liquid Formulation Development," <i>J. Pharm. Sci.</i> , 83:1657-1661 (1994) | |

| | |
|--|-----------------|
| Examiner Signature | Date Considered |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

| | | | |
|--|--|---------------------------------------|-------------------------------|
| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 14875-159US1 | Application No. 10/575,192 |
| Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) | | Applicant Tomoyuki Igawa et al. | |
| | | Filing Date January 26, 2007 | Group Art Unit 1645 |

| Other Documents (include Author, Title, Date, and Place of Publication) | | |
|--|-----------|---|
| Examiner Initial | Desig. ID | Document |
| | AU | Dráber et al., "Stability of Monoclonal IgM Antibodies Freeze-Dried in the Presence of Trehalose," <i>Journal of Immunological Methods</i> , 181:37-43 (1995) |
| | AV | García-González et al., "Purification of Murine IgG3 and IgM Monoclonal Antibodies by Euglobulin Precipitation," <i>Journal of Immunological Methods</i> , 111:17-23 (1988) |
| | AW | Gombotz et al., "The Stabilization of a Human IgM Monoclonal Antibody with Poly(vinylpyrrolidone)," <i>Pharm. Res.</i> 11:624-632 (1994) |
| | AX | Molina et al., "The Effects of Divalent Cations in the Presence of Phosphate, Citrate and Chloride on the Aggregation of Soy Protein Isolate," <i>Food Research International</i> , 32:135-143 (1999) |
| | AY | Sharma et al., "Study of IgM Aggregation in Serum of Patients with Macroglobulinemia," <i>Clin. Chem. Lab. Med.</i> , 38:759-764 (2000) |

| | |
|--|-----------------|
| Examiner Signature | Date Considered |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |